L Number	Hits	S ch Text	DB	Time stamp
-	1347	pebax	USPAT	2003/03/03
-	394	pebax and 604/\$.ccls.	USPAT	2003/02/03
-	1	5068289.pn.	USPAT	2003/02/28
_	3	5556383.pn. 5830182.pn. 5951941.pn.	USPAT	2003/02/28
-	2	6010521.pn. 6217547.pn.	USPAT	2003/02/28 19:07
-	0	(5556383.pn. 5830182.pn. 5951941.pn.) and nanopartic\$5	USPAT	2003/02/28 19:21
-	0	(5556383.pn. 5830182.pn. 5951941.pn.) and	USPAT	2003/02/28 19:21
_	0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	USPAT	2003/02/28
-	0	nanocomposit\$4 (nylon with "pebx" with blend\$3) and	USPAT	19:21   2003/02/28
-	35		USPAT	19:27   2003/02/28
_	35	catheter\$1 ((nylon with "pebax" with blend\$3) and catheter\$1) and (nylon with "pebax" with	USPAT	19:29   2003/02/28   19:29
_	1312	blend\$3) 604/96.01,103.06,103.09,103.11,104.ccls.	USPAT	2003/03/03
_	0	604/96.01,103.06,103.09,103.11,104.ccls.	USPAT	17:53 2003/03/03
	Ĭ	and nylon and (nanoparticle\$1 or nanocomposite\$1 or nanoscale)	OSTAL	10:45
-	292		USPAT	2003/03/03
-	67	604/96.01,103.06,103.09,103.11,104.ccls. and nylon and pebax	USPAT	2003/03/03
-	46		USPAT	2003/03/03
-	10	604/96.01,103.06,103.09,103.11,104.ccls. and ((nylon same pebax) same (blend\$3 or	USPAT	2003/03/03 11:04
-	11	and ((nylon\$1 same pebax) same (blend\$3	USPAT	2003/03/03 11:06
_	1	and ((nylon\$1 same pebax) same (blend\$3	USPAT	2003/03/03
:		or mix\$5))) not (604/96.01,103.06,103.09,103.11,104.ccls. and ((nylon same pebax) same (blend\$3 or mix\$5)))		
_	3	1	USPAT	2003/03/03 11:14
_	0	1	USPAT	2003/03/03 11:15
_	0	604/96.01,103.06,103.09,103.11,104.ccls. and (nanocomposite\$1 or nanoparticle\$1 or nanoscale)	USPAT	2003/03/03 11:16
-	84	I	USPAT	2003/03/03 11:18
-	59		USPAT	2003/03/03 11:18
-	16	604/96.01,103.06,103.09,103.11,104.ccls. and (nylon same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or	USPAT	2003/03/03 11:19
-	17	and (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or	USPAT	2003/03/03 12:32
		mix\$5))	<u> </u>	

Search History 3/6/03 8:47:37 PM Page 1

_	6	/96.01,103.06,103.09,103.11,104.d . and (nylon\$1 same (pebax or (polyether	USPAT	2003/03/03 11:22
		adj block adj amide\$1)) same (blend\$3 or mix\$5))) not		
		(604/96.01,103.06,103.09,103.11,104.ccls. and ((nylon\$1 same pebax) same (blend\$3		
_	0	or mix\$5)))	USPAT	2003/03/03
		and (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or		11:22
		mix\$5))) not (604/96.01,103.06,103.09,103.11,104.ccls.		
		and ((nylon\$1 same pebax) same (blend\$3 or mix\$5)))) and nano\$1		
_	1	((604/96.01,103.06,103.09,103.11,104.ccls.	USPAT	2003/03/03
		and (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or		11:38
		mix\$5))) not (604/96.01,103.06,103.09,103.11,104.ccls.		
	_	and ((nylon\$1 same pebax) same (blend\$3 or mix\$5)))) and filler\$1		
_	3	4563181.pn. 4898591.pn. 4950257.pn.	USPAT	2003/03/03 18:28
-		(4563181.pn. 4898591.pn. 4950257.pn.) and filler\$1	USPAT	2003/03/03 11:38
-	0	(4563181.pn. 4898591.pn. 4950257.pn.) and nono\$1	USPAT	2003/03/03 11:39
-	0	nano\$1	USPAT	2003/03/03 11:39
-	195	block adj amide\$1)) same (blend\$3 or	USPAT	2003/03/03 12:15
-	14	mix\$5)) (nylon\$1 same (pebax or (polyether adj	USPAT	2003/03/03
		block adj amide\$1)) same (blend\$3 or mix\$5)) and nano\$		11:44
-	1	(nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or	USPAT	2003/03/03 11:43
_	0	12	USPAT	2003/03/03
		block adj amide\$1)) same (blend\$3 or mix\$5)) and nano\$ and medical		11:44
-	95	(nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or	USPAT	2003/03/03 11:45
_	2	mix\$5)) and catheter\$1 (nylon\$1 same (pebax or (polyether adj	USPAT	2003/03/03
		block adj amide\$1)) same (blend\$3 or mix\$5)) and catheter\$1 and 428/\$.ccls.		11:47
-	73	<pre>(nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or</pre>	USPAT	2003/03/03 12:15
_	20	mix\$5)) and catheter\$1 and 604/\$.ccls. (nylon\$1 same (pebax or (polyether adj	USPAT	2003/03/03
		block adj amide\$1)) same (blend\$3 or mix\$5)) and catheter\$1 and 604/\$.ccls.		12:19
_	11	and (filler\$1 or additive\$1) (nylon\$1 same (pebax or (polyether adj	USPAT	2003/03/03
		block adj amide\$1)) same (blend\$3 or mix\$5)) and catheter\$1 and 604/\$.ccls.	<del></del>	12:02
		and ((filler\$1 or additive\$1) same (strength\$5 or mechanical or ductility or		
		stiffness or stability or lubricity or flexibility)		
-	77	(nylon\$1 same (peba\$1 or (polyether adj   block adj amide\$1)) same (blend\$3 or	USPAT	2003/03/03
	ا ۾	mix\$5)) and catheter\$1 and 604/\$.ccls. ((nylon\$1 same (peba\$1 or (polyether ad)	USPAT	2003/03/03
	<b>4</b>	block adj amide\$1)) same (blend\$3 or	USFRI	12:17
		mix\$5)) and catheter\$1 and 604/\$.ccls.) not ((nylon\$1 same (pebax or (polyether		
		adj block adj amide\$1)) same (blend\$3 or mix\$5)) and catheter\$1 and 604/\$.ccls.)		

	· · · · · · · · · · · · · · · · · · ·		1 222	
-	1	ylon\$1 same (peba\$1 or (polyether )	USPAT	2003/03/03
		block adj amide\$1)) same (blend\$3 or		12:17
		mix\$5)) and catheter\$1 and 604/\$.ccls.) not ((nylon\$1 same (pebax or (polyether		
		adj block adj amide\$1)) same (blend\$3 or		
		mix\$5)) and catheter\$1 and 604/\$.ccls.))		
		and (filler\$1 or additive\$1)		
_	28		USPAT	2003/03/03
		block adj amide\$1)) same (blend\$3 or		12:19
		mix\$5)) and catheter\$1 and 604/\$.ccls.		
		and (filler\$1 or additive\$1 or		
		particle\$1)		
-	8	((nylon\$1 same (pebax or (polyether adj	USPAT	2003/03/03
		block adj amide\$1)) same (blend\$3 or		12:24
		mix\$5)) and catheter\$1 and 604/\$.ccls.		1
		and (filler\$1 or additive\$1 or		1
		particle\$1)) not ((nylon\$1 same (pebax or		1
		<pre>(polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and catheter\$1 and</pre>		<b>i</b>
		604/\$.ccls. and (filler\$1 or additive\$1))		
_	77		USPAT	2003/03/03
	''	with (filler\$1 particle\$1 additive\$1))		12:26
		same (strength or mechanical)		
_	54		USPAT	2003/03/03
		<pre>with (filler\$1 particle\$1 additive\$1))</pre>		12:26
		same (strength or mechanical)) and	•	1
	-	catheter\$1	•	
-	12		USPAT	2003/03/03
		with (filler\$1 particle\$1 additive\$1))		12:26
		with (strength or mechanical)) and		1
_	10	catheter\$1 606/191,192,194.ccls. and (nylon\$1 same	USPAT	2003/03/03
-	10	(pebax or (polyether adj block adj	OSPAI	12:33
		amide\$1)) same (blend\$3 or mix\$5))		12.33
	11		USPAT	2003/03/03
		(peba\$1 or (polyether adj block adj		12:38
		<pre>amide\$1)) same (blend\$3 or mix\$5))</pre>	•	
-	4		USPAT	2003/03/03
		(peba\$1 or (polyether adj block adj		12:44
		amide\$1)) same (blend\$3 or mix\$5)) and	1	
		(additive\$1 or particle\$1 or filler\$1)	IICDAM	2002/02/02
<del>-</del>	21	4472538.pn. 4810734.pn. 5385776.pn. 55554120.pn. 5556383.pn. 5565523.pn.	USPAT	2003/03/03
		5578672.pn. 5698624.pn. 5747560.pn.		12.40
		5747591.pn. 5830182.pn. 5877248.pn.		
		5880197.pn. 5951941.pn. 6010521.pn.		
		6013728.pn. 6060549.pn. 6200290.pn.		
		6210396.pn. 6217547.pn. 6271298.pn.		
<b>-</b>	. 8		USPAT	2003/03/03
		5554120.pn. 5556383.pn. 5565523.pn.		12:49
		5578672.pn. 5698624.pn. 5747560.pn.	1	
		5747591.pn. 5830182.pn. 5877248.pn.		
		5880197.pn. 5951941.pn. 6010521.pn.		
		6013728.pn. 6060549.pn. 6200290.pn. 6210396.pn. 6217547.pn. 6271298.pn.) and		
		nano\$	1	
_	n	(4472538.pn. 4810734.pn. 5385776.pn.	USPAT	2003/03/03
		5554120.pn. 5556383.pn. 5565523.pn.		12:49
		5578672.pn. 5698624.pn. 5747560.pn.		
		5747591.pn. 5830182.pn. 5877248.pn.		
		5880197.pn. 5951941.pn. 6010521.pn.		
		6013728.pn. 6060549.pn. 6200290.pn.		
		6210396.pn. 6217547.pn. 6271298.pn.) and		
		nano\$ and catheter\$1	L	

-	8	( 538.pn. 4810734.pn. 5385776.pn.	USPAT	2003/03/03
l		5554120.pn. 5556383.pn. 5565523.pn.		12:50
		5578672.pn. 5698624.pn. 5747560.pn.		
		5747591.pn. 5830182.pn. 5877248.pn.		
		5880197.pn. 5951941.pn. 6010521.pn.		
		6013728.pn. 6060549.pn. 6200290.pn.		
		6210396.pn. 6217547.pn. 6271298.pn.) and	ĺ	
	_	nano\$		
-	8		USPAT	2003/03/03
		5554120.pn. 5556383.pn. 5565523.pn.		12:50
		5578672.pn. 5698624.pn. 5747560.pn.		
		5747591.pn. 5830182.pn. 5877248.pn.		
		5880197.pn. 5951941.pn. 6010521.pn.		
		6013728.pn. 6060549.pn. 6200290.pn.		
		6210396.pn. 6217547.pn. 6271298.pn.) and		
		nano\$ and nylon\$1		
-	0	(4472538.pn. 4810734.pn. 5385776.pn.	USPAT	2003/03/03
		5554120.pn. 5556383.pn. 5565523.pn.		12:52
		5578672.pn. 5698624.pn. 5747560.pn.		
		5747591.pn. 5830182.pn. 5877248.pn.		
		5880197.pn. 5951941.pn. 6010521.pn.		
	1	6013728.pn. 6060549.pn. 6200290.pn.		
		6210396.pn. 6217547.pn. 6271298.pn.) and		
	ļ	nano\$ and (nylon\$1 same (peba\$1 or		ŀ
		(polyether adj block adj amide\$1)))		
_	8		USPAT	2003/03/03
		5554120.pn. 5556383.pn. 5565523.pn.		13:00
		5578672.pn. 5698624.pn. 5747560.pn.		
		5747591.pn. 5830182.pn. 5877248.pn.		
		5880197.pn. 5951941.pn. 6010521.pn.		
		6013728.pn. 6060549.pn. 6200290.pn.		
		6210396.pn. 6217547.pn. 6271298.pn.) and		
		nano\$ and nylon\$1		
_	5		USPAT	2003/03/03
		5552469.pn. 5578672.pn.		12:57
_	4		USPAT	2003/03/03
	1	5552469.pn. 5578672.pn.) and nylon\$1	001111	12:57
_	6		USPAT	2003/03/03
		5554120.pn. 5556383.pn. 5565523.pn.		14:28
		5578672.pn. 5698624.pn. 5747560.pn.		
		5747591.pn. 5830182.pn. 5877248.pn.		
		5880197.pn. 5951941.pn. 6010521.pn.		
		6013728.pn. 6060549.pn. 6200290.pn.		
		6210396.pn. 6217547.pn. 6271298.pn.) and		•
		nano\$ and (nylon\$1 same copolymer\$1)		
_	257	catheter\$ and (nanoscale or	USPAT	2003/03/03
	23,	nanoparticle\$1 or nanocomposite)		13:08
_	245		USPAT	2003/03/03
	233	nanoparticle\$1 or nanocomposite\$1)		13:08
_	70		USPAT	2003/03/03
	, ,	nanoparticle\$1 or nanocomposite\$1) and	John	13:08
		nylon\$1		13.00
_	1		USPAT	2003/03/03
-	1	nanoparticle\$1 or nanocomposite\$1) and	OSPAI	13:09
		nylon\$1 and (peba\$1 or (polyether adj		13.05
				1
		block adj amide\$1))	IICDAM	2003/03/03
_	1		USPAT	
		nanoparticle\$1 or nanocomposite\$1) and		13:10
	ļ	(peba\$1 or (polyether adj block adj		
		amide\$1))	· · · · · · · · · · · · · · · · · · ·	2002/02/02
-	70		USPAT	2003/03/03
		nanoparticle\$1 or nanocomposite\$1) and		13:10
		nylon\$1		
_		catheter\$1 and (nanoscale or	USPAT	2003/03/03
	1		1	
	1	nanoparticle\$1 or nanocomposite\$1) and		13:10
		nanoparticle\$1 or nanocomposite\$1) and nylon\$1 and 604/\$1		
_	0	nanoparticle\$1 or nanocomposite\$1) and nylon\$1 and 604/\$1 catheter\$1 and (nanoscale or	USPAT	2003/03/03
-		nanoparticle\$1 or nanocomposite\$1) and nylon\$1 and 604/\$1	USPAT	

[ <del>-</del>	8	deter\$1 and (nanoscale or	USPAT	2003/03/03
		nanoparticle\$1 or nanocomposite\$1) and nylon\$1 and 604/\$.ccls.		13:11
	70		TICDAM	2002/02/02
-	70	catheter\$1 and (nanoscale or	USPAT	2003/03/03
		nanoparticle\$1 or nanocomposite\$1) and		14:26
		nylon\$1		0000 (00 (00
-	2	(nanoscale or nanoparticle\$1 or	USPAT	2003/03/03
		nanocomposite\$1) and (peba\$1 or		13:20
		(polyether adj block adj amide\$1))		
-	1	catheter\$1 and ((nanoscale or	USPAT	2003/03/03
		nanoparticle\$1 or nanocomposite\$1) same		14:27
		(strength or mechanical)) and nylon\$1		
-	1	catheter\$1 and ((nanoscale or	USPAT	2003/03/03
		nanoparticle\$1 or nanocomposite\$1) same		14:27
		(strength\$5 or mechanical)) and nylon\$1		
_	7		USPAT	2003/03/03
		5554120.pn. 5556383.pn. 5565523.pn.		14:54
		5578672.pn. 5698624.pn. 5747560.pn.		
		5747591.pn. 5830182.pn. 5877248.pn.		
1		5880197.pn. 5951941.pn. 6010521.pn.		
		6013728.pn. 6060549.pn. 6200290.pn.		
		6210396.pn. 6217547.pn. 6271298.pn.) and		ļ <b>i</b>
		nano\$ and (nylon\$1 with ("6" or "11" or		
	_	"12"))		
-	2	6423768.pn. 6486254.pn.	USPAT	2003/03/03
				14:56
-	0	(6423768.pn. 6486254.pn.) and catheter\$1	USPAT	2003/03/03
				14:55
[ <b>-</b>	1	(6423768.pn. 6486254.pn.) and tub\$5	USPAT	2003/03/03
				14:58
-	2	(6423768.pn. 6486254.pn.) and (mechanical	USPAT	2003/03/03
		or strength)	•	14:58
l <b>–</b>	0	(4472538.pn. 4810734.pn. 5385776.pn.	USPAT	2003/03/03
		5554120.pn. 5556383.pn. 5565523.pn.		17:26
		5578672.pn. 5698624.pn. 5747560.pn.		[ - / 1 _ 1
		5747591.pn. 5830182.pn. 5877248.pn.		
		5880197.pn. 5951941.pn. 6010521.pn.	ļ	
		6013728.pn. 6060549.pn. 6200290.pn.	İ	
		6210396.pn. 6217547.pn. 6271298.pn.) and		
		nano\$ and (nylon\$1) and tub\$3	[	
	_		TIGD D.M.	2002/02/02
-	0	5698624.pn. and "0.5-60"	USPAT	2003/03/03
	_	FC00C0A 180 FP 180 P		15:38
_	1	5698624.pn. and "0.5" with "60"	USPAT	2003/03/03
	_			15:38
-	8	(4472538.pn. 4810734.pn. 5385776.pn.	USPAT	2003/03/03
		5554120.pn. 5556383.pn. 5565523.pn.	•	16:36
		5578672.pn. 5698624.pn. 5747560.pn.	i	
		5747591.pn. 5830182.pn. 5877248.pn.		
		5880197.pn. 5951941.pn. 6010521.pn.		
		6013728.pn. 6060549.pn. 6200290.pn.	ĺ	
		6210396.pn. 6217547.pn. 6271298.pn.) and		
		nano\$ and (nylon\$1)		
_	1	5911715.pn.	USPAT	2003/03/03
	*			15:51
_	o	5911715.pn. and modulus with filler	USPAT	2003/03/03
	ا	osiriro.pir. and moderno with liller	JULAN	15:52
_		5911715.pn. and (modulus with filler)	TICDAT	2003/03/03
-	0	5911/15.pn. and (modulus with filler)	USPAT	
		5044845		15:52
-	1	5911715.pn. and (filler\$1)	USPAT	2003/03/03
				15:52
-	1	5911715.pn. and (filler\$1) and nylon	USPAT	2003/03/03
[				15:54
-	1	5578672.pn.	USPAT	2003/03/03
			ŀ	15:55

-	10	(\$\frac{2538.pn.}{4810734.pn.}\frac{5385776.pn.}{5554120.pn.}\frac{5556383.pn.}{5565523.pn.}	USPAT	2003/03/03 16:38
		5578672.pn. 5698624.pn. 5747560.pn. 5747591.pn. 5830182.pn. 5877248.pn. 5880197.pn. 5951941.pn. 6010521.pn.		
		6013728.pn. 6060549.pn. 6200290.pn.		
		6210396.pn. 6217547.pn. 6271298.pn.) and (peba\$1 or (polyether adj block adj amide\$1))		
_	10		USPAT	2003/03/03 16:38
		5578672.pn. 5698624.pn. 5747560.pn. 5747591.pn. 5830182.pn. 5877248.pn.		
		5880197.pn. 5951941.pn. 6010521.pn. 6013728.pn. 6060549.pn. 6200290.pn.		
		6210396.pn. 6217547.pn. 6271298.pn.) and ((peba\$1 or (polyether adj block adj		
		amide\$1)) same polyamide\$1)	TICDAM.	2002/02/02
-	6	(4472538.pn. 4810734.pn. 5385776.pn. 5554120.pn. 5556383.pn. 5565523.pn.	USPAT	2003/03/03 17:04
		5578672.pn. 5698624.pn. 5747560.pn. 5747591.pn. 5830182.pn. 5877248.pn.		
		5880197.pn. 5951941.pn. 6010521.pn. 6013728.pn. 6060549.pn. 6200290.pn.		
		6210396.pn. 6217547.pn. 6271298.pn.) and ((peba\$1 or (polyether adj block adj		
	20	amide\$1)) same polyamide\$1 same nylon\$1)	IICDAM.	2002/03/03
_	28	amide\$1)) same polyamide\$1 same nylon\$1))	USPAT	2003/03/03 16:49
		same ((nylon adj "6") and (nylon adj "11") and (nylon adj "12"))		
-	11	(((peba\$1 or (polyether adj block adj amide\$1)) same polyamide\$1 same nylon\$1))	USPAT	2003/03/03
		same ((nylon adj "6") and (nylon adj "11") and (nylon adj "12")) and		
	1	catheter\$1	USPAT	2003/03/03
		5554120.pn. 5556383.pn. 5565523.pn. 5578672.pn. 5698624.pn. 5747560.pn.		17:07
		5747591.pn. 5830182.pn. 5877248.pn.		
		5880197.pn. 5951941.pn. 6010521.pn. 6013728.pn. 6060549.pn. 6200290.pn.		
		6210396.pn. 6217547.pn. 6271298.pn.) and (((nylon adj "6") and (nylon adj "11")		
		and (nylon adj "12")) same (blend\$3 or mix\$5))		
-	1		USPAT	2003/03/03 17:07
		5578672.pn. 5698624.pn. 5747560.pn. 5747591.pn. 5830182.pn. 5877248.pn.		
		5880197.pn. 5951941.pn. 6010521.pn. 6013728.pn. 6060549.pn. 6200290.pn.		
		6210396.pn. 6217547.pn. 6271298.pn.) and		,
		(((nylon adj "6") and (nylon adj "11") and (nylon adj "12")) with (blend\$3 or		
-	10		USPAT	2003/03/03
		5554120.pn. 5556383.pn. 5565523.pn. 5578672.pn. 5698624.pn. 5747560.pn.		17:26
		5747591.pn. 5830182.pn. 5877248.pn. 5880197.pn. 5951941.pn. 6010521.pn.		
		6013728.pn. 6060549.pn. 6200290.pn. 6210396.pn. 6217547.pn. 6271298.pn.) and		
		(peba\$1 or (polyether adj block adj amide\$1))		
-	0	604/96.01,103.06,103.09,103.11,104.ccls. and ((filler\$1 or additive\$1 or	USPAT	2003/03/03
		particle\$1) same "nm")	IICD A TO	
_	1	6270477.pn. and diameter\$1	USPAT	2003/03/03 18:01

-	0	(4 181.pn. 4898591.pn. 4950257.pn.)	USPAT	2003/03/03 18:05
_	0	(4563181.pn. 4898591.pn. 4950257.pn.) and particle\$1	USPAT	2003/03/03 18:05
_	1	6270477.pn. and nylon same peba\$1	USPAT	2003/03/03 18:20
_	1	6270477.pn. and (nylon same peba\$1)	USPAT	2003/03/03 18:21
_	3	(4563181.pn. 4898591.pn. 4950257.pn.) and (nylon same (peba\$1 or (polyether adj	USPAT	2003/03/03 18:29
-	1	block amide\$1))) 4717618.pn.	USPAT	2003/03/03 19:00
-	1	6270477.pn.	USPAT	2003/03/04 11:57
-	0	6270477.pn. and ((nylon adj "6")(nylon adj "11")(nylon adj "12"))	USPAT	2003/03/04 11:59
_	1	4717618.pn. and ((nylon adj "6")(nylon adj "11")(nylon adj "12"))	USPAT	2003/03/04 13:20
-	34	(nylon with peba\$1) same flexibility	USPAT	2003/03/04 13:21
-	29	<pre>((nylon with peba\$1) same flexibility) and catheter\$1</pre>	USPAT	2003/03/04 16:42
-	1	4563181.pn. and (stabil\$5 or stable)	USPAT	2003/03/04 16:15
_	0	4563181.pn. and (lubricity or ductil\$4)	USPAT	2003/03/04 16:15
_	9	((nylon with peba\$1) same flexibility) and catheter\$1 and (nylon adj "11")	USPAT	2003/03/04 17:03
_	4	((nylon with peba\$1) same flexibility) and catheter\$1 and ((nylon adj "12") with (nylon adj "12"))	USPAT	2003/03/04 17:03
_	4	((nylon with peba\$1) same flexibility) and catheter\$1 and (nylon adj "12")	USPAT	2003/03/04 17:14
_	47	<pre>(nylon with peba\$1) and catheter\$1 and (nylon adj "12")</pre>	USPAT	2003/03/04 17:14
_	20	((nylon with peba\$1) same (blend\$3 or mix\$5)) and catheter\$1 and (nylon adj "12")	USPAT	2003/03/04 17:15
_	21	((nylon with peba\$1) same (blend\$3 or mix\$5) same (nylon adj "12"))	USPAT	2003/03/04 17:26
_	29	((peba\$1) same (blend\$3 or mix\$5) same (nylon adj "12"))	USPAT	2003/03/04 17:27
-	8	((peba\$1) same (blend\$3 or mix\$5) same (nylon adj "12")) not (((nylon with peba\$1) same (blend\$3 or mix\$5) same (nylon adj "12")))	USPAT	2003/03/04 18:18
_	24	peba\$1 and ((nylon adj "12") same ("2533" "3533" "4033" "5533" "6333"))	USPAT	2003/03/04 17:37
_	11	<pre>peba\$1 and ((nylon adj "12") same ("2533" "3533" "4033" "5533" "6333")) and catheter\$1</pre>	USPAT	2003/03/04 17:51
-	5	(peba\$1 and ((nylon adj "12") same ("2533" "3533" "4033" "5533" "6333")) and catheter\$1) and ((nylon adj "12") same (peba\$1) same (blend\$ or mix\$5))	USPAT	2003/03/04 17:46
-	0	(peda\$1) same (blend\$ or mix\$5)) 6436090.pn. and (hyrtel same nylon\$1)	USPAT	2003/03/04 18:19
-	o	6436090.pn. and hyrtel	USPAT	2003/03/04 18:20
-	1	6436090.pn. and (hytrel same nylon\$1)	USPAT	2003/03/04 18:32
_	1	6270477.pn.	USPAT	2003/03/04 18:32
-	0	6270477.pn. and polyester\$1	USPAT	2003/03/04 18:52
-	1	4899521.pn.	USPAT	2003/03/04 18:54
	1	4899521.pn. and (nylon adj "12") and peba\$1	USPAT	2003/03/04 18:54

_	0	(\$\sqrt{2538.pn.} 4810734.pn. 5385776.pn. 5554120.pn. 5556383.pn. 5565523.pn. 5578672.pn. 5698624.pn. 5747560.pn. 5747591.pn. 5830182.pn. 5877248.pn. 5880197.pn. 5951941.pn. 6010521.pn.	USPAT	2003/03/06 10:39
_	o	6013728.pn. 6060549.pn. 6200290.pn. 6210396.pn. 6217547.pn. 6271298.pn.) and transparent (4472538.pn. 4810734.pn. 5385776.pn.	USPAT	2003/03/06
		5554120.pn. 5556383.pn. 5565523.pn. 5578672.pn. 5698624.pn. 5747560.pn. 5747591.pn. 5830182.pn. 5877248.pn. 5880197.pn. 5951941.pn. 6010521.pn. 6013728.pn. 6060549.pn. 6200290.pn. 6210396.pn. 6217547.pn. 6271298.pn.) and translucent		10:33
-	6	1	USPAT	2003/03/06 15:20
-	1	<pre>(nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and catheter\$1 and (transparent and translucent)</pre>	USPAT	2003/03/06 10:44
-	1	(nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and catheter\$1 and (translucent)	USPAT	2003/03/06 10:39
-	3	block adj amide\$1)) same (blend\$3 or mix\$5)) and (translucent)	USPAT	2003/03/06 10:38
-	0	(4472538.pn. 4810734.pn. 5385776.pn. 5554120.pn. 5556383.pn. 5565523.pn. 5578672.pn. 5698624.pn. 5747560.pn. 5747591.pn. 5830182.pn. 5877248.pn. 5880197.pn. 5951941.pn. 6010521.pn. 6013728.pn. 6060549.pn. 6200290.pn. 6210396.pn. 6217547.pn. 6271298.pn.) and opaque	USPAT	2003/03/06 14:32
-	19		USPAT	2003/03/06 10:40
-	0	(nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and catheter\$1 and (opaque and transparent)	USPAT	2003/03/06 10:40
-	12	(nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and catheter\$1 and (opaque and (transparent or clear))	USPAT	2003/03/06 10:51
-	1.	1 '	USPAT	2003/03/06 10:45
_	1	6436056.pn. and clear	USPAT	2003/03/06 10:59
-	1	5527325.pn. and (clear or transparent)	USPAT	2003/03/06
-	1	4717618.pn. and (clear or transparent)	USPAT	2003/03/06 10:49
_	1	4717618.pn. and ((clear or transparent) same (nylon and peba\$1))	USPAT	2003/03/06
_	30	<pre>(nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and catheter\$1 and (transparent or clear)</pre>	USPAT	2003/03/06
-	14	·	USPAT	2003/03/06 10:53
_	1	6436056.pn. and (clear same peba\$1 same nylon)	USPAT	2003/03/06 11:03
_	0	4563181.pn. and (clear same peba\$1 same nylon)	USPAT	2003/03/06 11:03

- 0 4563181.pn. and (clear or tranparen\$4 or clarity) - 4 6270477.pn. 5578672.pn. 4717618.pn. USPAT 1003/03/06 120	11:04   12:03/03/06   12:05					
0   4563181.pn. and (clear or tranparen\$4 or clarity)   6270477.pn. 5578672.pn. 4717618.pn.   USPAT   2003/03/06   11:06   11:06   13:06   1	-	-	0	4 181.pn. and (clear or tranparen\$4	USPAT	1 ' ' 1
4   6270477, pn. 5578672, pn. 4717618, pn.   USPAT   2003/03/06   4563181, pn.   and (clear or clarity or transparens)   0   (6270477, pn. 5578672, pn. 4717618, pn.   USPAT   2003/03/06	-   4 6270477, pn. 5578672, pn. 4717618, pn.   USPAT   2003/03/06   4563181, pn.   and (clear or clarity or transparens, and (clear or clarity or user) (clear) (clear) (clear) (clear) (clear) (clear) (clear) (clear or clarity or transparens, and clear or clarity	-	0		USPAT	2003/03/06
1 (6270477, pn. 5578672, pn. 4717618, pn.   USPAT   2003/03/06   4563181, pn.) and (clear or clarity or transparens)	1 (6270477,pn. 5578672,pn. 4717618,pn.   USPAT   2003/03/06   4563181,pn.) and (clear or clarity or transparens)   0 (6270477,pn. 5578672,pn. 4717618,pn.   USPAT   2003/03/06   4563181,pn.) and (translucens)   USPAT   2003/03/06   4563181,pn.) and (opaque)   0 (6270477,pn. 5578672,pn. 4717618,pn.   USPAT   2003/03/06   4563181,pn.) and (opaque)   0 (6270477,pn. 5578672,pn. 4717618,pn.   USPAT   2003/03/06   4563181,pn.) and (opaque)   0 (6270477,pn. 5578672,pn. 4717618,pn.   USPAT   2003/03/06   4563181,pn.) and pellets!   USPAT   2003/03/06   4563181,pn.) and pellets!   USPAT   2003/03/06   4563181,pn.) and pellets!   USPAT   2003/03/06   4563181,pn.) and blends3   USPAT   2003/03/06   4563181,pn.) and blends3   USPAT   2003/03/06   4563181,pn.) and crystall\$   USPAT   2003/03/06   4563181,pn.) and crystall\$   USPAT   2003/03/06   131	-	4	6270477.pn. 5578672.pn. 4717618.pn.	USPAT	2003/03/06
Cransparen33	transparen33	-	1	(6270477.pn. 5578672.pn. 4717618.pn.	USPAT	2003/03/06
4563181.ph.) and (translucens3)	1:11			transparen\$3)		
4563181.pn.) and (opaque)	1:11	_		4563181.pn.) and (translucen\$3)		11:11
4   4   4   563181.pn.) and (opaque)   4   6270477.pn. 5578672.pn. 4717618.pn.   USPAT   2003/03/06   2   2   2   2   2   2   2   2   2	4 (6270477.pn. 5578672.pn. 4717618.pn.   USPAT   2003/03/06   4563181.pn.) and nylon   12:10   12:32	_	0	4563181.pn.) and (opague)	USPAT	
4563181.ph.) and nylon	1563181.ph.) and nylon   12:10   203/03/06   26(270477.pn. 5578672.pn. 4717618.pn.   12:32   203/03/06   4563181.pn.) and pellet31   12:32	-	0		USPAT	l i
4   463181.pn.   and pellet\$1   4   6670477.pn. \$578672.pn. 4717618.pn.   USPAT   2003/03/06   13:16	4 (6270477.pn. 5578672.pn. 4717618.pn.   USPAT 2003/03/06   13:16	-	4	4563181.pn.) and nylon	USPAT	
1 6079868.pn. and crystall\$  1 6079868.pn. and crystall\$  1 5747591.pn. and crystall\$  1 5747591.pn. and crystall\$  2 003/03/03/06 14:29 2 003/03/06 14:29 2 003/03/06 14:29 2 003/03/06 14:29 2 003/03/06 14:29 2 003/03/06 14:29 2 003/03/06 14:29 2 003/03/06 14:29 2 003/03/06 14:29 2 003/03/06 14:29 2 003/03/06 14:29 2 003/03/06 14:29 2 003/03/06 15:18	1 6079868.pn. and crystalls	-	2	4563181.pn.) and pellet\$1	USPAT	l ·
- 1 6079868.pn. and crystall\$ USPAT 2003/03/06 14:29 1 5747591.pn. and crystall\$ USPAT 2003/03/06 14:29 5 (4472538.pn. 4810734.pn. 5565523.pn. 5578672.pn. 55586120.pn. 55586120.pn. 55586120.pn. 5578672.pn. 58080197.pn. 58171248.pn. 6013728.pn. 6060549.pn. 6200290.pn. 6210396.pn. 6217547.pn. 6200290.pn. 6210396.pn. 6217547.pn. 6210299.pn. 6013728.pn. 5856383.pn. 5565523.pn. 55578672.pn. 55586120.pn. 5556383.pn. 5565523.pn. 55578672.pn. 55586120.pn. 5556383.pn. 5565523.pn. 55578672.pn. 5680197.pn. 5951941.pn. 6010521.pn. 6013728.pn. 6060549.pn. 6210290.pn. 6210396.pn. 6217547.pn. 6271299.pn.) and (crystall\$5 same blend\$4\) - 0 (4472538.pn. 6060549.pn. 6200290.pn. 55586120.pn. 5558672.pn. 55578672.pn. 5951941.pn. 6010521.pn. 6013728.pn. 6060549.pn. 6201290.pn. 6210396.pn. 6217547.pn. 6271299.pn.) and ink\$1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$\$)) and catheter\$1 and ink\$1 - 1 (3937302.pn. and (barium adj sulfate) USPAT 2003/03/06 15:26 1	1 6079868.pn. and crystall\$	_	4	(6270477.pn. 5578672.pn. 4717618.pn. 4563181.pn.) and blend\$3	USPAT	1
14:29  (4472538.pn. 4810734.pn. 5385776.pn. 5554120.pn. 5556383.pn. 5565523.pn. 5578672.pn. 5698624.pn. 5747560.pn. 5747591.pn. 5830182.pn. 5877248.pn. 6013728.pn. 6010549.pn. 6200290.pn. 6210396.pn. 6217547.pn. 6271298.pn.) and (crystall\$5 same blend\$4)  0 (4472538.pn. 4810734.pn. 5385776.pn. 5554120.pn. 555633.pn. 5565523.pn. 5578672.pn. 5698624.pn. 5747560.pn. 5578672.pn. 5698624.pn. 5747560.pn. 5747591.pn. 5830182.pn. 5877248.pn. 6013728.pn. 6060549.pn. 6200290.pn. 6210396.pn. 6217547.pn. 6271298.pn.) and ink\$1  1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5) and catheter\$1 and ink\$1  1 5397302.pn. and (barium adj sulfate) USPAT 2003/03/06 15:26  1 7 nanocomposite and ink\$1 USPAT 2003/03/06 15:26  1 8 nanocomposite and ink\$1 USPAT 2003/03/06 15:26  1 0 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5) and nanocomposite*  1 0 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5) and nanocomposite*  1 0 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5) and nanocomposite*  1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5) (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5) (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5) (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5) (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5) (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5) and filler\$1 and 5911715.pn.	14:29	_	1		USPAT	
1554120 pn. 5556383 pn. 5565523 pn. 5578672 pn. 5578672 pn. 5698624 pn. 5747560 pn. 5747591 pn. 5830182 pn. 5877248 pn. 68013728 pn. 60603728 pn. 60103728 pn. 60103728 pn. 60603728 pn. 6217547 pn. 6271298 pn.) and (crystall§5 same blend\$4\]   0	15:18	_	1	5747591.pn. and crystall\$	USPAT	1
5578672.pn. 5698624.pn. 5747560.pn.	5578672.pn. 5698624.pn. 5747560.pn. 5747560.pn. 5880197.pn. 5890122.pn. 5872748.pn. 5880197.pn. 5951941.pn. 6010521.pn. 6013728.pn. 6013728.pn. 6010521.pn. 6013728.pn. 6010521.pn. 6013728.pn. 6010521.pn. 6013728.pn. 6210396.pn. 6217547.pn. 6271298.pn.) and (crystal155 same blends4)	-	5		USPAT	, ,
S880197.pn. 5951941.pn. 6010521.pn. 6013728.pn. 6060549.pn. 6210290.pn. 6210396.pn. 6217547.pn. 6270290.pn. 6210396.pn. 6217547.pn. 6270290.pn. 6210396.pn. 6217547.pn. 6271298.pn.) and (crystall\$5 same blend\$4)	S880197.pn. 5951941.pn. 6010521.pn. 6013728.pn. 660549.pn. 6200290.pn. 6210396.pn. 6217547.pn. 6271298.pn.) and (crystally5 same blend\$4)			5578672.pn. 5698624.pn. 5747560.pn.	:	
6210396.pn. 6217547.pn. 6271298.pn.) and (crystall\$5 same blend\$4)  0 (4472538.pn. 4810734.pn. 5385776.pn. 55554120.pn. 5556383.pn. 5565523.pn. 5578672.pn. 5698624.pn. 5747560.pn. 5747561.pn. 5830182.pn. 5877248.pn. 6013728.pn. 6060549.pn. 6210396.pn. 6210396.pn. 6217547.pn. 6271298.pn.) and ink\$1  - 14 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5) and catheter\$1 and ink\$1  - 15397302.pn. and (barium adj sulfate) uspat 2003/03/06 15:26  - 16 nanocomposite and ink\$1 uspat 2003/03/06 15:26  - 17 nanocomposite and ink\$1 uspat 2003/03/06 15:26  - 18 nanocomposite and ink\$1 uspat 2003/03/06 15:26  - 18 nanocomposite and ink\$1 and nylon uspat 2003/03/06 15:26  - 10 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and nanocomposite  - 195 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and nanocomposite\$1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and nanocomposite\$1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5) and filler\$1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5) and filler\$1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5) and filler\$1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5) and filler\$1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5) and filler\$1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5) and filler\$1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) s	G210396.pn. 6217547.pn. 6271298.pn.) and (crystall\$5 same blend\$4) (4472538.pn. 4810734.pn. 5385776.pn. 5558120.pn. 5556383.pn. 5565523.pn. 5578672.pn. 55568824.pn. 5747560.pn. 5578672.pn. 5598624.pn. 5747560.pn. 5801097.pn. 5951941.pn. 6010521.pn. 6013728.pn. 6060549.pn. 6200290.pn. 6210396.pn. 6217547.pn. 6200290.pn. 6210396.pn. 6217547.pn. 6271298.pn.) and ink\$1 (hylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and catheter\$1 and ink\$1			5880197.pn. 5951941.pn. 6010521.pn.		
- 0 (4472538.pn. 4810734.pn. 5368776.pn. 5554120.pn. 5556383.pn. 5565523.pn. 5554120.pn. 5596824.pn. 5747560.pn. 5747591.pn. 5698624.pn. 5877248.pn. 5880197.pn. 5951941.pn. 6010521.pn. 6013728.pn. 6060549.pn. 6270290.pn. 6210396.pn. 6217547.pn. 6271298.pn.) and ink\$1 - 14 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and catheter\$1 and ink\$1 - 0 5397302.pn. and ((barium adj sulfate) uspAT 2003/03/06 15:25 - 1 5397302.pn. and (barium adj sulfate) uspAT 2003/03/06 15:26 - 47 nanocomposite and ink\$1 UspAT 2003/03/06 15:26 - 18 nanocomposite and ink\$1 UspAT 2003/03/06 15:26 - 18 nanocomposite and ink\$1 uspAT 2003/03/06 15:26 - 0 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and nanocomposite - 0 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and nanocomposite\$1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and nanocomposite\$1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 - 87 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 - 1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 - 1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 - 1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 - 1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)	- 0 (4472538.pn. 4810734.pn. 5385776.pn. 5554120.pn. 5556383.pn. 5565639.pn. 5554120.pn. 55698624.pn. 5747560.pn. 5747591.pn. 5880182.pn. 5807248.pn. 5880197.pn. 5951941.pn. 6010521.pn. 6013728.pn. 6060549.pn. 6271298.pn.) and ink\$1 - 14 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and catheter\$1 and ink\$1 - 0 5397302.pn. and (barium adj sulfate)			6210396.pn. 6217547.pn. 6271298.pn.) and		
5578672.pn. 5698624.pn. 5747560.pn.   5747591.pn. 5830182.pn. 5877248.pn.   5880197.pn. 5951941.pn. 6010521.pn.   6013728.pn. 6060549.pn. 6200290.pn.   6210396.pn. 6217547.pn. 6271298.pn.) and ink\$1	5578672.pn. 5698624.pn. 5747560.pn.   5747591.pn. 5830182.pn. 58701248.pn.   5880197.pn. 5951941.pn. 6010521.pn.   6013728.pn. 6060549.pn. 6200290.pn.   6210396.pn. 6217547.pn. 6271298.pn.) and ink\$1	_	0	(4472538.pn. 4810734.pn. 5385776.pn.	USPAT	
5880197.pn. 5951941.pn. 6010521.pn. 6013728.pn. 6060549.pn. 6200290.pn. 6210396.pn. 6217547.pn. 6271298.pn.) and ink\$1	5880197.pn. 5951941.pn. 6010521.pn. 6013728.pn. 6013728.pn. 6020290.pn. 6210396.pn. 62210396.pn. 6201298.pn.) and ink\$1			5578672.pn. 5698624.pn. 5747560.pn.		
6210396.pn. 6217547.pn. 6271298.pn.) and ink\$1   10	6210396.pn. 6217547.pn. 6271298.pn.) and ink\$1		i	5880197.pn. 5951941.pn. 6010521.pn.		
14 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and catheter\$1 and ink\$1  - 0 5397302.pn. and (barium adj sulfate)	14			6210396.pn. 6217547.pn. 6271298.pn.) and		
mix\$5) and catheter\$1 and ink\$1	mix\$5) and catheter\$1 and ink\$1   2003/03/06   15:25   15397302.pn. and ((barium adj sulfate)   15:25   15397302.pn. and (barium adj sulfate)   USPAT   2003/03/06   15:26   15:26   18   nanocomposite and ink\$1   USPAT   2003/03/06   15:26   18   nanocomposite and ink\$1 and nylon   USPAT   2003/03/06   15:26   18   nanocomposite and ink\$1 and nylon   USPAT   2003/03/06   15:26   15:26   16:40   16:41	_	14	(nylon\$1 same (pebax or (polyether adj	USPAT	I i
Same ink\$1)   15:25   2003/03/06   15:26   15:26   15:26   15:26   15:26   15:26   15:26   15:26   15:26   15:26   15:26   18   nanocomposite and ink\$1 and nylon   USPAT   2003/03/06   15:26   15:	Same ink\$1   15:25   2003/03/06   15:26   2003/03/06   15:26   2003/03/06   15:26   2003/03/06   15:26   2003/03/06   15:26   2003/03/06   15:26   2003/03/06   15:26   2003/03/06   15:26   2003/03/0	_	0	mix\$5)) and catheter\$1 and ink\$1	USPAT	2003/03/06
15:26 2003/03/06 18 nanocomposite and ink\$1 and nylon  18 nanocomposite and ink\$1 and nylon  18 nanocomposite and ink\$1 and nylon  19	15:26	_		same ink\$1)		15:25
18 nanocomposite and ink\$1 and nylon  (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and nanocomposite  (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and nanocomposite\$1  (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5))  (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5))  87 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1  (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1  (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1  (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 and 5911715.pn.	- 18 nanocomposite and ink\$1 and nylon					15:26
15:26  (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and nanocomposite  (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and nanocomposite\$1  (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5))  (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5))  87 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1  (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1  (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1  (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 and 5911715.pn.	15:26	_		-		15:26
block adj amide\$1)) same (blend\$3 or mix\$5)) and nanocomposite  (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and nanocomposite\$1  (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5))  87 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1  (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1  (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1  and uspat uspat uspat 2003/03/06  block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1  and uspat uspat uspat uspat 2003/03/06  block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 and 5911715.pn.	block adj amide\$1)) same (blend\$3 or mix\$5)) and nanocomposite	_		_		15:26
- 0 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and nanocomposite\$1  - 195 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5))  - 87 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1  - 1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1  - 1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 and 5911715.pn.	- 0 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and nanocomposite\$1 - 195 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) - 87 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 - 1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 - 1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 and 5911715.pn 0 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 and 5911715.pn.			block adj amide\$1)) same (blend\$3 or		
mix\$5)) and nanocomposite\$1  - 195 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5))  - 87 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1  - 1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1  - 1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 and 5911715.pn.	mix\$5)) and nanocomposite\$1  - 195 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5))  - 87 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1  - 1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1  - 1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 and 5911715.pn.  - 0 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) same (blend\$3 or mix\$5)) and filler\$1 and 5911715.pn.	-	0	(nylon\$1 same (pebax or (polyether adj	USPAT	1 ' ' '
block adj amide\$1)) same (blend\$3 or mix\$5))  - 87 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1  - 1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 and 5911715.pn.	block adj amide\$1)) same (blend\$3 or mix\$5))  87 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1  - 1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 and 5911715.pn.  - 0 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 and 5911715.pn.  0 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or l6:45	_	195	mix\$5)) and nanocomposite\$1	USPAT	
- 87 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1  - 1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 and 5911715.pn.	- 87 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 - 1 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 and 5911715.pn 0 (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 and 5911715.pn.			block adj amide\$1)) same (blend\$3 or		1
mix\$5)) and filler\$1  - 1 (nylon\$1 same (pebax or (polyether adj USPAT 2003/03/06 block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 and 5911715.pn.	mix\$5)) and filler\$1  (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 and 5911715.pn.  (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or 16:44	-	87	(nylon\$1 same (pebax or (polyether adj	USPAT	l .
block adj amide\$1)) same (blend\$3 or 16:44 mix\$5)) and filler\$1 and 5911715.pn.	block adj amide\$1)) same (blend\$3 or mix\$5)) and filler\$1 and 5911715.pn.  O (nylon\$1 same (pebax or (polyether adj block adj amide\$1)) same (blend\$3 or 16:45	_	1	mix\$5)) and filler\$1	USPAT	İ
	- 0 (nylon\$1 same (pebax or (polyether adj USPAT 2003/03/06 block adj amide\$1)) same (blend\$3 or 16:45			block adj amide\$1)) same (blend\$3 or		
		-	0	(nylon\$1 same (pebax or (polyether adj	USPAT	
	mix\$5)) and 5578672.pn.					

_	1	5 672.pn. and tensile	USPAT	2003/03/06
				16:45
-	1	5578672.pn. and tensile and (tensile adj	USPAT	2003/03/06
		modulus)		16:45
-	0	(6270477.pn. 5578672.pn. 4717618.pn.	USPAT	2003/03/06
		4563181.pn.) and ductility		17:01
-	1	6270477.pn. and flexibility	USPAT	2003/03/06
				17:13
-	0	6270477.pn. and lubricity	USPAT	2003/03/06
		_		17:14
-	0	6270477.pn. and lubrici\$3	USPAT	2003/03/06
·		_		17:14
-	1	6270477.pn. and lubricous	USPAT	2003/03/06
				17:14